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Part Number: [0512331211](#)
Status: **Active**
Overview: [CRC \(Compact Robotic Connectors\)](#)
Description: CRC Shielded Rectangular I/O Receptacle Housing for Male Terminal, Signal, 12 Circuits, Polarization Type Standard

Documents:

3D Model	Product Specification PS-51238-018-001 (PDF)
Drawing (PDF)	Application Specification AS-51238-011-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51238-010-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	I/O Connectors
Series	51233
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Overview	CRC (Compact Robotic Connectors)
Product Name	CRC
Taxonomy	I/O Connectors
Type	N/A
UPC	800756205724

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	2777.000/mg
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Front, Rear
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	4.0A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[51233](#) Series

Mates With

CRC Shielded Rectangular I/O Plug Housing
[51239](#) , [54332](#)

Use With

CRC Shielded Rectangular I/O Receptacle
Shell [56377](#) , CRC Shielded Rectangular I/
O Male Terminal [56116](#) , [56117](#) , [56118](#) ,
[56119](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-51238-011-001
Product Specification	PS-51238-010-001, PS-51238-018-001
Sales Drawing	SD-51233-007-001

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